

Title (en)
METHOD OF PURIFICATION OF CLOSTRIDIUM DIFFICILE TOXIN A AND PRODUCTION OF MONO-SPECIFIC ANTIBODIES

Title (de)
VERFAHREN ZUR REINIGUNG DES TOXIN A AUS CLOSTRIDIUM DIFFICILE UND HERSTELLUNG VON MONOSPEZIFISCHEN ANTIKÖRPERN DAGEGEN

Title (fr)
PROCEDE DE PURIFICATION DE LA TOXINE A DE CLOSTRIDIUM DIFFICILE ET DE PRODUCTION D'ANTICORPS MONOSPECIFIQUES

Publication
EP 0763100 B1 20080514 (EN)

Application
EP 95942617 A 19951208

Priority

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- US 41464095 A 19950331

Abstract (en)
[origin: WO9630494A1] A method is provided for the purification of Clostridium difficile Toxin A comprising reacting impure Toxin A with immobilized mono-specific polyclonal antibodies. The polyclonal antibodies are coupled to a hydrazide group containing matrix such as hydrazide activated agarose gel. The immobilized antibody is specific for Toxin A and will greatly purify Toxin A from a Toxin A containing solution. Antibodies raised to Toxin A purified according to the method are of higher activity than antibodies produced from prior art purified Toxin A.

IPC 8 full level
C12N 1/00 (2006.01); **G01N 33/53** (2006.01); **C07K 1/22** (2006.01); **C07K 14/33** (2006.01); **C07K 16/12** (2006.01); **C12P 21/02** (2006.01); **G01N 33/569** (2006.01); **C12R 1/145** (2006.01)

CPC (source: EP US)
C07K 14/33 (2013.01 - EP US)

Citation (examination)

- DE 2652636 A1 19780524 - WOLF HANS UWE DR RER NAT
- BANNO Y. ET AL.: "Biochemical characterization and biologic actions of two toxins (D-1 and D-2) from Clostridium difficile.", REVIEWS OF INFECTIOUS DISEASES, vol. 6, 1984, pages S11 - S20, XP008057265

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